CLAIM SET AS AMENDED

1. (Currently Amended) A thrombus capture catheter comprising:

a sheath with a lumen passing therethrough from a proximal end thereof to a distal end thereof and being closed at the proximal end thereof by a closing member;

a flexible shaft having a proximal end and a distal end and being removably arranged in the lumen of said sheath; and

a thrombus capture member having a proximal end and a distal end and being provided on the distal end of said shaft ~~and removably arranged in said sheath through the distal end thereof~~,

said thrombus capture member comprising a crossed wire member and a filter attached thereto, said crossed wire member being comprised of plural wires spirally configured and crossed with one another to ~~have a~~ have an original configuration swollen in middle portion and tapered to the proximal and the distal ends thereof under a normal condition, said filter being provided with pores and being mounted on the distal side of said crossed wire member to cover a part of the swollen portion thereof, ~~said thrombus capture member being mounted slidably on said shaft at the distal end thereof but fixed to said shaft at the proximal end thereof~~, said crossed wire member being fixed at the proximal end thereof to said shaft and being slidably mounted at the distal end on said shaft, said shaft passing through the thrombus capture member and protruding from the distal end of the thrombus capture member, said thrombus capture member being removably held in said sheath in a contracted ~~state~~ condition ~~within said sheath~~ and ~~expanded~~ being restorable to said ~~to an~~ original ~~state~~ configuration thereof when protruded from said sheath ~~by pulling said sheath in the direction of the proximal~~ through the distal end thereof.

2. (Cancelled)

3. (Currently Amended) The thrombus capture catheter according to claim 1, wherein pores of said filter have a diameter ranging from 50 to 1000 micrometers~~, preferably from 50 to 500 micrometers, and more preferably from 100 to 200 micrometers~~.

4. (Original) The thrombus capture catheter according to claim 1, wherein said closing member is provided on a central axis thereof with a through-hole for insertion of said shaft and has a hemostatic valve arranged close to the through-hole, and wherein the proximal portion of said shaft is protruded from the sheath through said through hole and hemostatic valve.

5. (Original) The thrombus capture catheter according to claim 1, wherein said sheath is provided in a side wall close to the distal end thereof with a side hole allowing the shaft to pass therethrough, and with a second lumen communicated with said proximal side wall and allowing said thrombus capture member to pass through, a part of said shaft extending beyond a proximal side of said thrombus capture member being protruded from the sheath through said side hole.

6. (Original) The thrombus capture catheter according to claim 1, wherein said closing member is provided with a side infusion tube.

7. (New) The thrombus capture catheter according to claim 1, wherein said thrombus capture member is further provided at the distal end thereof with a slide ring assembly comprising an inner ring and an outer ring , the wires of said crossed wire member being sandwiched between and filed thereto said inner and outer rings at the distal ends of said thrombus capture member, said inner ring being slidable mounted on the shaft to allow said thrombus capture member to be moved along the shaft.

8. (New) The thrombus capture catheter according to claim 1, wherein said thrombus capture member is slidable attached at the distal end thereof to the shaft by a slide ring and fixed at the proximal end thereof to the shaft by a fixed ring.